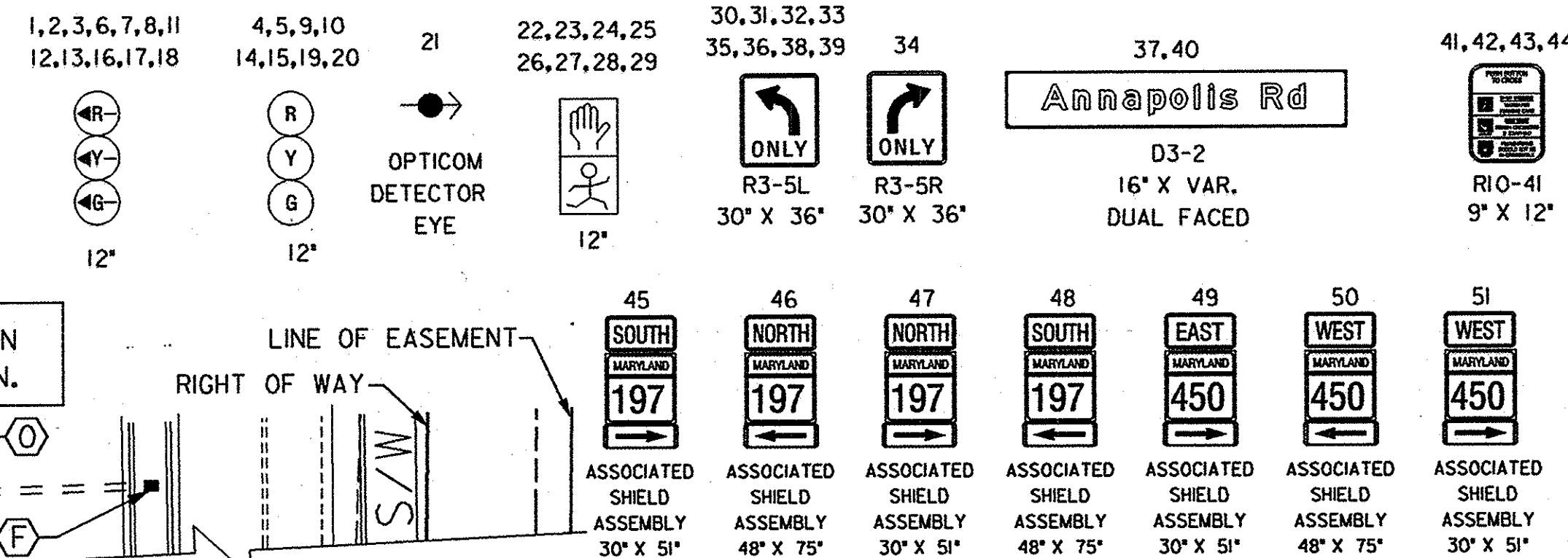


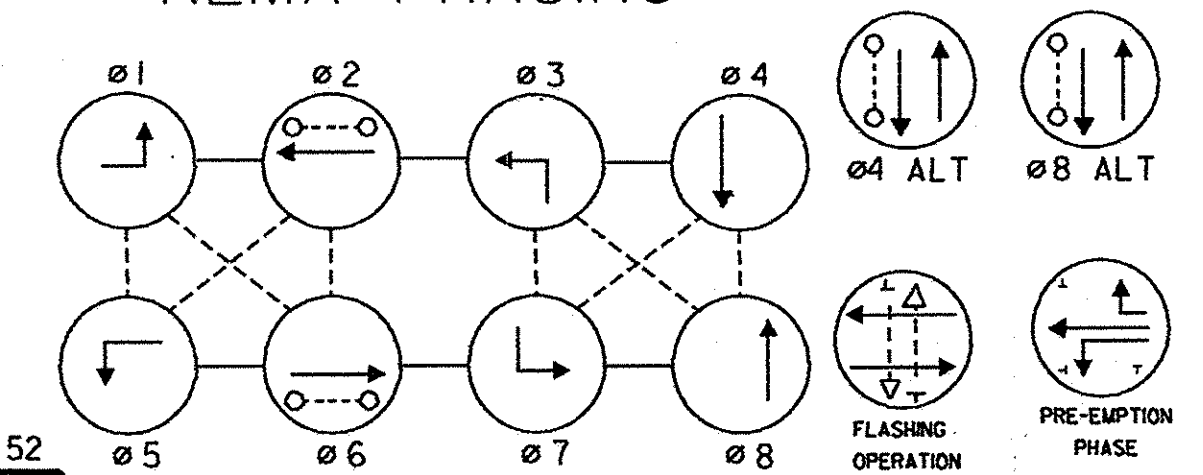
# CONSTRUCTION DETAILS:

- A. INSTALL NEMA SIZE #6" CABINET AND CONTROLLER BASE MOUNT, WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT AND VIDEO DETECTION EQUIPMENT TO BE INSTALLED BY SHA.
- ΔB. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 70 FT. MAST ARM, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE.
- ΔC. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 60 FT. MAST ARM, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, OPTICOM DETECTOR EYE, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE.
- ΔD. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 70 FT. MAST ARM, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGNS, AND A 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE.
- ΔE. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 60 FT. MAST ARM, VEHICULAR SIGNAL HEADS, VIDEO TRAFFIC CAMERA, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGNS AND A 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE.
- F. INSTALL HANDHOLE.
- G. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- H. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- J. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- K. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
- L. INSTALL 4 IN. (SCH 80) ELECTRICAL CONDUIT-BORED.
- M. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- N. INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSSWALK.
- O. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- P. INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- ΔX, Q. INSTALL GROUND MOUNTED SIGNS.
- R. PROPOSED POWER SUPPLIED BY BGE.

## PROPOSED SIGNS/SIGNALS

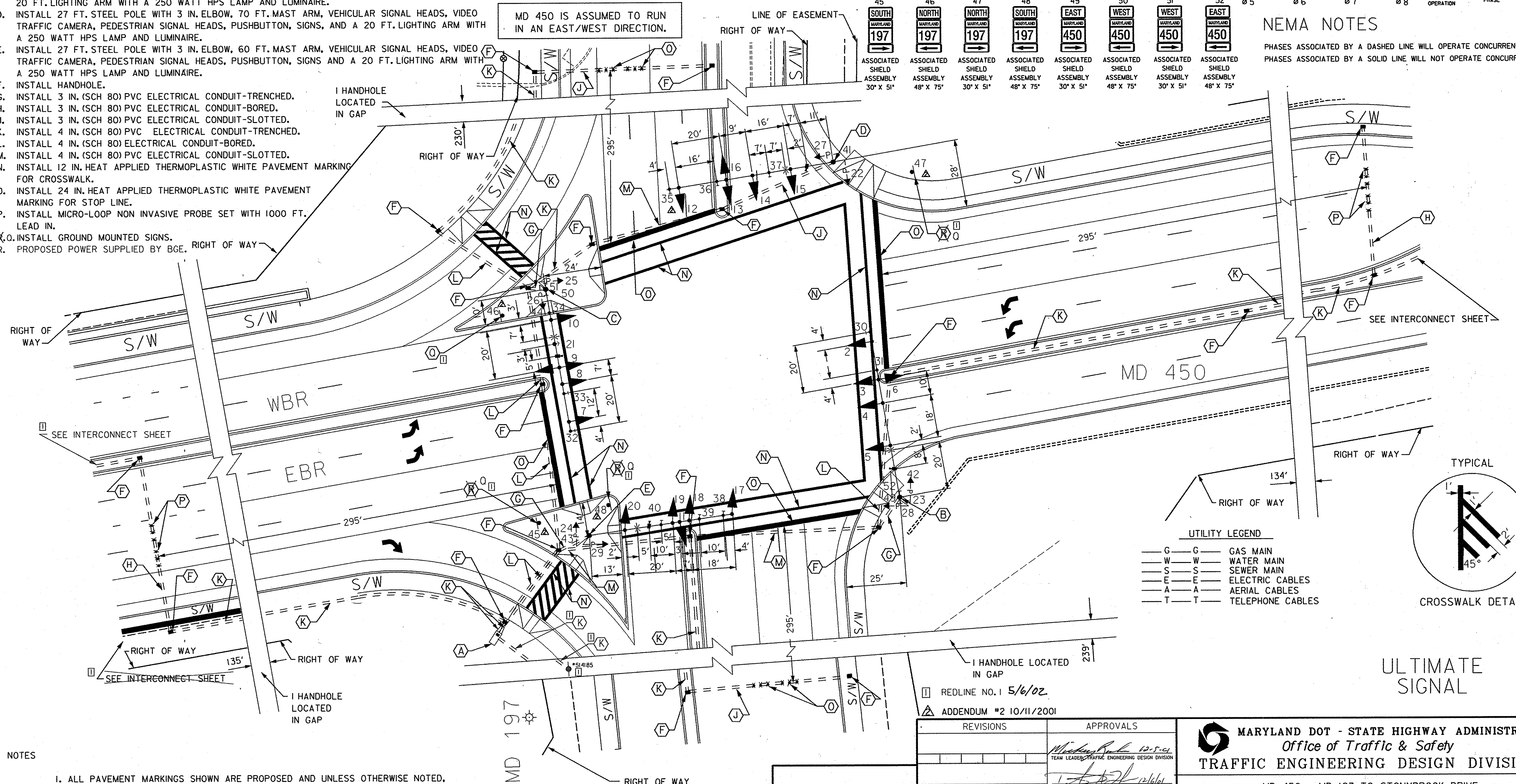


## NEMA PHASING



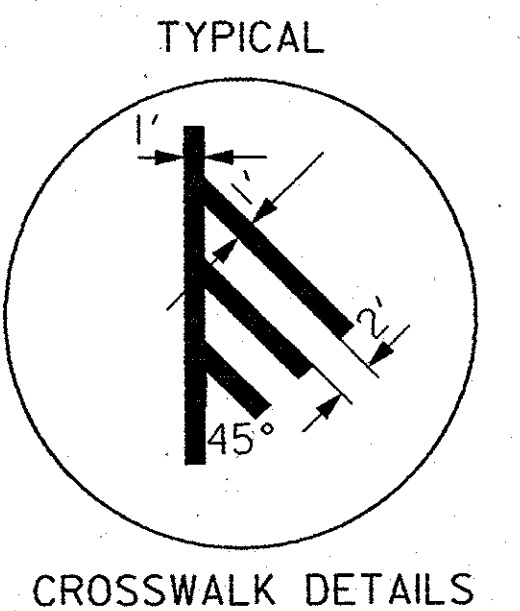
## NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



## UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES



## ULTIMATE SIGNAL

## NOTES

- I. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS

THE WILSON T. BALLARD CO.  
CONSULTING ENGINEERS  
OWINGS MILLS, MARYLAND

REDLINE NO. 1 5/6/02  
ADDENDUM #2 10/11/2001

REVISIONS	APPROVALS
	<div>  TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION </div> <div>  ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION </div> <div>  CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION </div> <div>  DIRECTOR, TRAFFIC &amp; SAFETY </div>

<b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b> Office of Traffic & Safety <b>TRAFFIC ENGINEERING DESIGN DIVISION</b>			
MD 450 - MD 193 TO STONYBROOK DRIVE MD 450 (RELOCATED) AT MD 197 - ULTIMATE SIGNAL			
DRAWN BY: MB	F.A.P. NO. PG9005571	TS NO.	SHEET NO.
CHECKED BY: STB	S.H.A. NO. PRINCE GEORGE'S	T.I.M.S. NO. D 538	419 OF 545
SCALE: 1"=20'	COUNTY: LOG MILE:		
DATE: OCTOBER 2001			